WATER SAMPLES	OWNER/LOCATION
SPRINGS	
S-1	RAILROAD TUNNEL
S-2	NEW CRICKET
S-3	OLD CRICKET
S-4	BUSBY
S-10	VALLEY NORTH OF SITE
S-26	VALLEY SOUTHWEST OF SITE
S-33	WALNUT CREEK VALLEY
S-36	WALNUT CREEK VALLEY
S-43	CENTER SECTION 34
S-48	WALNUT CREEK VALLEY
S-49	VALLEY NORTH OF SITE
S-50	COBB
S-51	VESTAL
S-80	FIELD BLANK
S-81	FIELD BLANK
S-82	FIELD BLANK
WELLS	
W-1	WHITE
W-2	MILES
W-3	TATE
W-4	TIZEN
W-6	COOK
W-9	LETTERMAN (BEHREN NEW)
W-10	BISHKEY (BINAM)
W-11a	BIRMINGHAM (NEW)
W-11b	BIRMINGHAM (OLD)
W-13	ARKWOOD
W-15a	OMAHA (CITY)
W-15b	OMAHA (CITY)
W-22b	GODDARD
W-26	ROBERTS
W-38	DUGGAN (OMITTED FROM ORGINAL WELL INVENTORY)
SEDIMENT SAMPLES	
SED-1	CRICKET SPRING CHANNEL
SED-2	SE END OF RR TUNNEL

N

0 1000 2000 FEET

SOURCE: USGS TOPOGRAPHIC MAP, OMAHA, ARKANSAS-MISSOURI QUADRANGLE 1967.

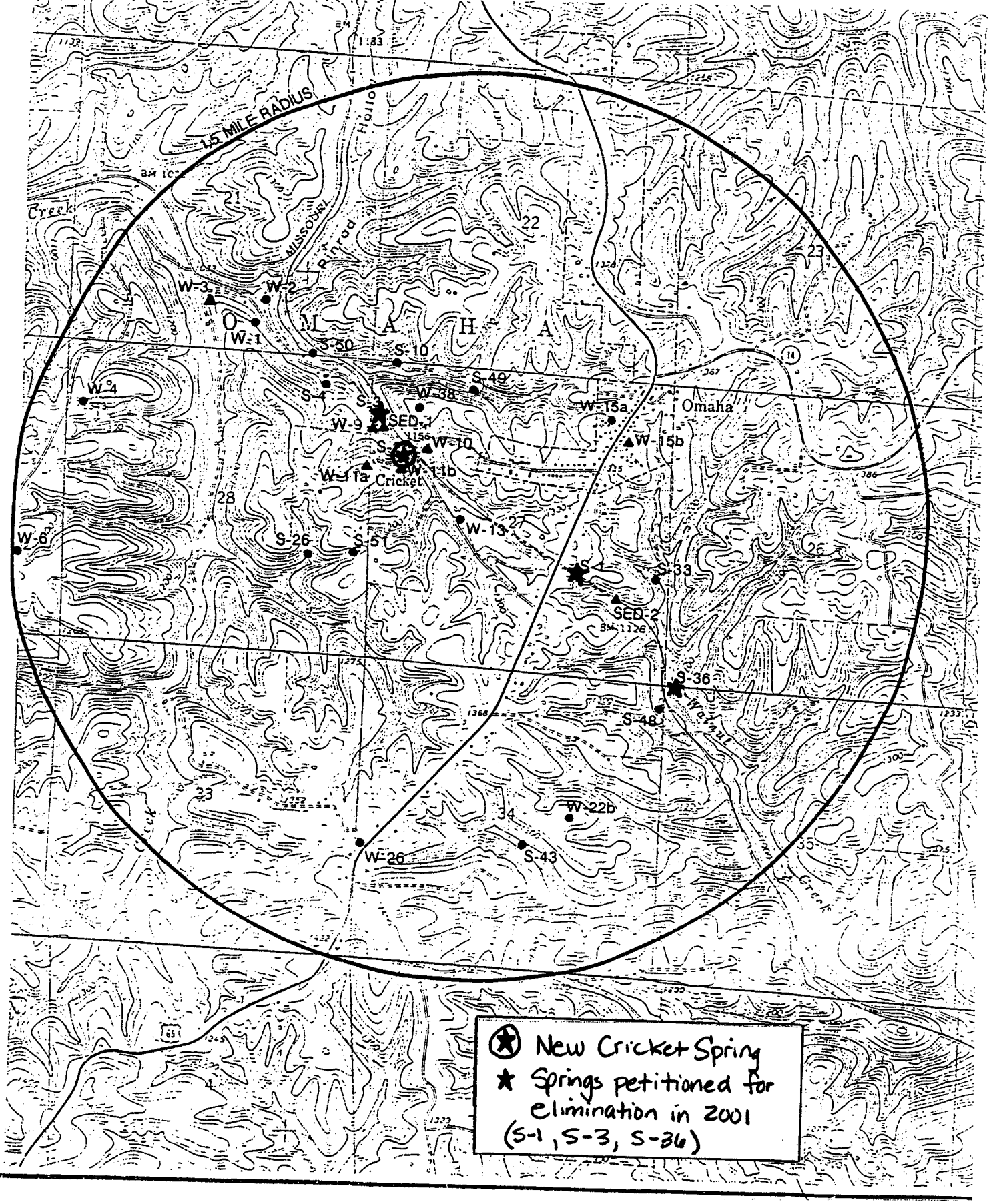
ERM-Southwest, Inc.

HOUSTON, TEXAS

FIGURE 1 (Modified 4/04)

WATER AND SEDIMENT SAMPLE LOCATIONS
ARKWOOD, INC. SITE
OMAHA, ARKANSAS

W.O. NO. 9205801	4/5/88


1.5 MILE RADIUS
W-3
W-2
W-1
S-50
S-10
S-49
W-4
S-4
W-38
W-9
SED-1
W-15a
Omaha
W-15b
W-10
W-11b
W-11a
Cricket
W-13
W-6
S-26
S-51
S-33
SED-2
S-36
S-48
W-22b
W-26
S-43
New Cricket Spring
Springs petitioned for elimination in 2001 (S-1, S-3, S-36)

Arkwood - Spring and well sampling
1985-1987
PCP Concentrations

Location	11/25/1985	3/7-4/1/86	6/25/1986	9/24/1986	1/14/1987	2/19/1987
New Cricket Spring	1800	1400	ND	5100	830	
Railroad Tunnel Spring	110	10	ND	ND	9	
Old Cricket Spring	ND					
Cannery Well	ND	ND	ND		ND	
Miles Well	ND	ND	ND	ND	ND	
Birmingham Old Well	ND	ND	ND	ND		
Birmingham New Well	ND	ND	ND	ND	ND	
Behran 7A Cistern	ND	ND	ND	ND	ND	
Behran 7C Well	ND	ND	ND	ND	ND	
Binam Well		ND	ND	ND	ND	
Dugan Well						ND
Turney Well						ND
Tate Well					ND	
Omaha City Well	ND	ND	ND		ND	

*ND - Non-detect 1 ug/L

TABLE 4-12
SPRING SAMPLING ANALYTICAL RESULTS

SPRING	DATE SAMPLED	SAMPLE NUMBER	RESULTS (ppm)[a]
Walnut Creek Spring	June 27, 1994	2500	ND[b]
Railroad Tunnel Spring	June 27, 1994	2501	ND
New Cricket Spring	June 27, 1994	2502	1.00 PCP[c]
Cricket Creek Spring	June 27, 1994	dry	NA[d]
Walnut Creek Spring	September 28, 1994	2520	ND
Railroad Tunnel Spring	September 28, 1994	2521	ND
New Cricket Spring	September 28, 1994	2522	1.16 PCP
Cricket Creek Spring	September 28, 1994	dry	NA
Walnut Creek Spring	January 4, 1995	2532	ND
Railroad Tunnel Spring	January 4, 1995	2533	ND
New Cricket Spring	January 4, 1995	2534	1.06 PCP
Cricket Creek Spring	January 4, 1995	2535	ND
Walnut Creek Spring	March 28, 1995	2536	ND
Railroad Tunnel Spring	March 28, 1995	2537	ND
New Cricket Spring	March 28, 1995	2538	ND
Cricket Creek Spring	March 28, 1995	2539	0.373 PCP*
New Cricket Spring	May 2, 1995	2540	0.246 PCP
Cricket Creek Spring	May 2, 1995	2541	ND
Walnut Creek Spring	June 27, 1995	2542	ND
Railroad Tunnel Spring	June 27, 1995	2543	ND
New Cricket Spring	June 27, 1995	2544	0.696 PCP
Cricket Creek Spring	June 27, 1995	2545	ND
Walnut Creek Spring	September 27, 1995	2549	ND
Railroad Tunnel Spring	September 27, 1995	2550	ND
New Cricket Spring	September 27, 1995	2551	1.61 PCP
Cricket Creek Spring	September 27, 1995	dry	NA
Walnut Creek Spring	December 26, 1995	2552	ND
Railroad Tunnel Spring	December 26, 1995	2553	ND
New Cricket Spring	December 26, 1995	2554	1.39 PCP
Cricket Creek Spring	December 26, 1995	2555	ND
Walnut Creek Spring	April 2, 1996	2555	NA - broken during transport to lab
Railroad Tunnel Spring	April 2, 1996	2554	NA - broken during transport to lab
New Cricket Spring	April 2, 1996	2553	ND
Cricket Creek Spring	April 2, 1996	2552	0.529 PCP**

NOTES:

a. ppm = parts per million.
b. ND = Non detect < 0.005 ppm for the June and September 1994 and December 1995 sampling events; ND < 0.0036 ppm for the January, March, May, June, and September 1995 and April 1996 sampling events.
c. PCP = Pentachlorophenol.
d. NA = Not applicable.
* It was suspected that the sample for New Cricket Spring and Cricket Creek Spring were switched. Resampling of these two springs on May 2, 1995, confirmed this assumption.
** It is suspected that the sample for New Cricket Spring and Cricket Creek Spring were switched. Therefore, the sample results for Cricket Creek Spring represent the PCP concentration in New Cricket Spring.

Table 1
Spring Samples 1996 – 2001

Date	PCP Concentrations (in µg/l)		
	Walnut Creek Spring	Cricket Creek Spring	Railroad Tunnel Spring
6/20/96	11	ND	111
10/11/96	IF	IF	IF
1/20/97	ND	ND	148
3/16/97	ND	ND	ND
7/18/97	ND	IF	IF
9/30/97	ND	ND	ND
1/2098	ND	ND	ND
5/7/98	ND	ND	ND
7/23/98	IF	IF	IF
11/4/98	ND	ND	ND
1/29/99	ND	ND	ND
7/12/99	ND	ND	ND
4/2/01	ND	ND	ND

ND = non-detect IF = insufficient flow